

# VMware

## Exam Questions 2V0-21.23

VMware vSphere 8.x Professional



#### NEW QUESTION 1

An administrator is adding a new ESXi host to an existing vSphere cluster. When selecting the cluster, the administrator is unable to use the Cluster Quickstart workflow to add and configure the additional host. What could be the root cause of this issue?

- A. The administrator has previously dismissed the Cluster Quickstart workflow.
- B. The administrator must manually add the host to the cluster before using the Cluster Quickstart workflow.
- C. The administrator has not been assigned the required permissions to use the Cluster Quickstart workflow.
- D. The administrator must enable the Cluster Quickstart workflow option in VMware vCenter.

**Answer:** A

#### Explanation:

Option A is correct because it indicates that the administrator has previously dismissed the Cluster Quickstart workflow, which will prevent them from using it to add and configure an additional host. To use the Cluster Quickstart workflow again, the administrator must enable it in the cluster settings. Option B is incorrect because the administrator does not need to manually add the host to the cluster before using the Cluster Quickstart workflow, as this is one of the steps in the workflow. Option C is incorrect because the administrator does not need any special permissions to use the Cluster Quickstart workflow, as long as they have permissions to perform cluster operations. Option D is incorrect because there is no option to enable the Cluster Quickstart workflow in VMware vCenter, as this is a feature of vSphere clusters. References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vcenterhost.doc/GUID-9F9E3F8C-0E2>

#### NEW QUESTION 2

An administrator is tasked with configuring vSphere Trust Authority. The administrator has completed the following steps:

- Set up the workstation
- Enabled the Trust Authority Administrator
- Enabled the Trust Authority State
- Collected information about the ESXi hosts and vCenter to be trusted Which step does the administrator need to complete next?

- A. Import the Trusted Host information to the Trust Authority Cluster
- B. Import the Trusted Cluster information to the Trusted Hosts
- C. Create the Key Provider on the Trusted Cluster
- D. Import the Trusted Host information to the Trusted Cluster

**Answer:** A

#### Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/images/GUID-D205B3C1> <https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-security/GUID-39D8AB34-AD45-4B0A-8FB0-7A1>

#### NEW QUESTION 3

An administrator is tasked with installing VMware vCenter. The vCenter Server Appliance must support an environment of:

- 400 hosts
- 4000 virtual machines

Which two resources must be allocated, at a minimum, to meet the requirements? (Choose two.)

- A. 16 vCPUs
- B. 30 GB Memory
- C. 4 vCPUs
- D. 8 vCPUs
- E. 20 GB Memory

**Answer:** BD

#### Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-88571D8A-46E1-464>

#### NEW QUESTION 4

An administrator is tasked with implementing a backup solution capable of backing up the Supervisor cluster, vSphere Pods, and persistent volumes. Which two solutions must be used to meet this requirement? (Choose two.)

- A. VMware vCenter
- B. Standalone Velero and Restic
- C. NSX-T Manager
- D. vSphere Host Client
- E. Velero Plugin for vSphere

**Answer:** BE

#### NEW QUESTION 5

An administrator is deploying a new all flash vSAN cluster based on the vSAN Original Storage Architecture (OSA). What is the minimum supported network throughput in Gb/s for each host?

- A. 50
- B. 10
- C. 25
- D. 1

**Answer:** B

**Explanation:**

The minimum supported network throughput in Gb/s for each host in an all flash vSAN cluster based on the vSAN Original Storage Architecture (OSA) is 10.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vsan-planning.doc/GUID-FCEA0CDD>

vSAN Express Storage Architecture (ESA) are only supported with 25Gbps and higher connection speeds.

ESA ReadyNodes configured for vSAN ESA will be configured with 25/50/100Gbps NICs. vSAN OSA

all-flash configurations are only supported with a 10Gb or higher connections. One reason for this is that the improved performance with an all-flash configuration may consume more network bandwidth between the hosts to gain higher throughput. <https://core.vmware.com/resource/vmware-vsan-design-guide#sec6815-sub3>

**NEW QUESTION 6**

An administrator receives reports from the application team of poor performance of a virtual machine (VM). The administrator reviews the virtual machine and discovers that it has 20 snapshots that are over 12 months old.

What could the administrator do to improve the VM's performance?

- A. Inflate the base disk to make space for future snapshots.
- B. Revert to the latest snapshot.
- C. Consolidate all of the snapshots into the base VM.
- D. Identify and delete the largest delta .vmdk file.

**Answer:** C

**Explanation:**

<https://4sysops.com/archives/performance-impact-of-snapshots-in-vmware-vsphere-7/#:~:text=As%20you%20k>

**NEW QUESTION 7**

An administrator is tasked with moving an application and guest operating system (OS) running on top of a physical server to a software-defined data center (SDDC) in a remote secure location.

The following constraints apply:

- The remote secure location has no network connectivity to the outside world.
- The business owner is not concerned if all changes in the application make it to the SDDC in the secure location.
- The application's data is hosted in a database with a high number of transactions.

What could the administrator do to create an image of the guest OS and application that can be moved to this remote data center?

- A. Create a hot clone of the physical server using VMware vCenter Converter.
- B. Create a cold clone of the physical server using VMware vCenter Converter.
- C. Restore the guest OS from a backup.
- D. Use storage replication to replicate the guest OS and application.

**Answer:** B

**Explanation:**

Option B is correct because it allows the administrator to create a cold clone of the physical server using VMware vCenter Converter, which will create an image of the guest OS and application that can be moved to this remote data center without requiring network connectivity or affecting the application's data. Option A is incorrect because creating a hot clone of the physical server using VMware vCenter Converter will require network connectivity and may affect the application's data due to changes during conversion. Option C is incorrect because restoring the guest OS from a backup will require network connectivity and may not include the latest changes in the application. Option D is incorrect because using storage replication to replicate the guest OS and application will require network connectivity and may not be feasible for a physical server. References:

<https://docs.vmware.com/en/vCenter-Converter-Standalone/6.2/com.vmware.convsa.guide/GUID-9F9E3F8C-0E>

**NEW QUESTION 8**

An administrator is investigating reports of users experiencing difficulties logging into a VMware vCenter instance using LDAP accounts.

Which service should the administrator check as part of troubleshooting?

- A. vSphere Authentication Proxy Service
- B. Lookup Service
- C. Identity Management Service
- D. VMware Authentication Framework Daemon

**Answer:** C

**Explanation:**

Identity Management Service is the service that handles authentication requests from LDAP accounts and other identity sources in vCenter Server.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-FE1D5F2E-E3AC-4D>

**NEW QUESTION 9**

The vCenter inventory contains a virtual machine (VM) template called Linux-01. The administrator wants to install a software patch into Linux-01 while allowing users to continue to access Linux-01 to deploy VMs. Which series of steps should the administrator take to accomplish this task?

- A. \* 1. Verify that Linux-01 is in a content library\* 2. Clone Linux-01\* 3. Convert the clone to a VM\* 4. Install the software patch.
- B. \* 1. Convert Linux-01 to a VM \* 2 Install the software patch\* 3 Convert the VM back to a VM template \* 4 Add Linux-01 to the content library.
- C. \* 1. Verify that Linux-01 is in a content library\* 2. Checkout Linux-01\* 3. Install the software patch \* 4.Check in Linux-01
- D. \* 1. Clone Linux-01.\* 2. Convert the clone to a VM\* 3. Install the software patch.\* 4. Convert the VM back to a template.

**Answer:** C

**Explanation:**

The administrator should clone Linux-01, which creates a copy of the virtual machine template. The administrator should then convert the clone to a VM, which allows the administrator to power on and modify the virtual machine. The administrator should then install the software patch on the VM, which updates the application. The administrator should then convert the VM back to a template, which preserves the changes made to the VM and allows users to deploy VMs from it. References:

[https://docs.vmware.com/en/VMware-vSphere/8.0/com.vmware.vsphere.vm\\_admin.doc/GUID-E8E854DD-AA](https://docs.vmware.com/en/VMware-vSphere/8.0/com.vmware.vsphere.vm_admin.doc/GUID-E8E854DD-AA)

#### NEW QUESTION 10

An administrator is tasked with configuring certificates for a VMware software-defined data center (SDDC) based on the following requirements:

- All certificates should use certificates trusted by the Enterprise Certificate Authority (CA).
- The solution should minimize the ongoing management overhead of replacing certificates.

Which three actions should the administrator take to ensure that the solution meets corporate policy? (Choose three.)

- A. Replace the VMware Certificate Authority (VMCA) certificate with a self-signed certificate generated from the
- B. Replace the machine SSL certificates with custom certificates generated from the Enterprise CA.
- C. Replace the machine SSL certificates with trusted certificates generated from the VMware Certificate Authority (VMCA).
- D. Replace the VMware Certificate Authority (VMCA) certificate with a custom certificate generated from the Enterprise CA.
- E. Replace the solution user certificates with custom certificates generated from the Enterprise CA.
- F. Replace the solution user certificates with trusted certificates generated from the VMware Certificate Authority (VMCA).

**Answer:** BDE

#### Explanation:

Option B, D and E are correct because they allow the administrator to replace the machine SSL certificates, the VMware Certificate Authority (VMCA) certificate and the solution user certificates with custom certificates generated from the Enterprise CA, which will ensure that all certificates are trusted by the Enterprise CA and minimize the ongoing management overhead of replacing certificates. Option A is incorrect because replacing the VMCA certificate with a self-signed certificate generated from the VMCA will not ensure that the certificate is trusted by the Enterprise CA. Option C is incorrect because replacing the machine SSL certificates with trusted certificates generated from the VMCA will not ensure that the certificates are trusted by the Enterprise CA. Option F is incorrect because replacing the solution user certificates with trusted certificates generated from the VMCA will not ensure that the certificates are trusted by the Enterprise CA.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-A2A4371A-B888>

#### NEW QUESTION 10

An administrator is tasked with allowing a single user the ability to take snapshots on a virtual machine. When looking in vCenter, the administrator can see that there are already users and groups assigned permissions on the virtual machine as follows:

- The group VMJUsers has the Virtual Machine Power User role.
- The group VM\_Viewers has the Read Only role.

The administrator confirms that the user requesting the additional access is currently one of five members of the VM\_Viewers group

Which two steps should the administrator take to grant this user the additional access required without impacting the user access of others? (Choose two.)

- A. Add the user to the VM\_Users group and leave the permissions on the virtual machine object unchanged
- B. Add a new permission on the virtual machine object selecting the user and the new custom role.
- C. Edit the Read Only role to add the Virtual Machine Snapshot Management privileges.
- D. Create a new custom role with the Virtual Machine Snapshot Management privileges.
- E. new permission on the virtual machine object selecting the VM\_Viewers group and the new custom

**Answer:** BD

#### Explanation:

The administrator should create a new custom role with the Virtual Machine Snapshot Management privileges, which allows the user to create, delete and revert snapshots. The administrator should then add a new permission on the virtual machine object selecting the user and the new custom role, which grants the user the additional access required without affecting other users or groups. References: <https://docs.vmware.com/en/VMware-vSphere/8.0/com.vmware.vsphere.security.doc/GUID-93B962A7-93FA-4>

#### NEW QUESTION 13

Which two datastore types store the components of a virtual machine as a set of objects? (Choose two.)

- A. VMware Virtual Machine File System (VMFS)
- B. VMware vSAN
- C. Network File System (NFS) 3
- D. vSphere Virtual Volumes (vVols)
- E. Network File System (NFS) 4.1

**Answer:** BD

#### Explanation:

Option B and D are correct because they are the datastore types that store the components of a virtual machine as a set of objects, which are logical containers that abstract physical storage resources. Option A, C and E are incorrect because they are the datastore types that store the components of a virtual machine as a set of files, which are stored on a file system that resides on a physical storage device. References: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.storage.doc/GUID-9F9E3F8C-0E2B-4>

#### NEW QUESTION 16

A vSphere environment is experiencing intermittent short bursts of CPU contention, causing brief production outages for some of the virtual machines (VMs). To understand the cause of the issue, the administrator wants to observe near real-time statistics for all VMs.

Which two vSphere reporting tools could the administrator use? (Choose two.)

- A. Advanced Performance Charts
- B. esxcli
- C. resxtp
- D. Overview Performance Charts

E. esxtop

**Answer:** AE

**Explanation:**

Advanced Performance Charts and esxtop are both vSphere reporting tools that can be used to observe near real-time statistics for all VMs. Advanced Performance Charts provides a graphical view of performance data, while esxtop is a command-line tool that provides more detailed information.

**NEW QUESTION 20**

What is the minimum network throughput in Gb/s for vSAN using the Express Storage Architecture (ESA)?

- A. 50
- B. 25
- C. 1
- D. 10

**Answer:** D

**Explanation:**

<https://core.vmware.com/resource/vmware-vsan-design-guide#:~:text=Summary%20of%20Network%20Design>

**NEW QUESTION 23**

An administrator is planning to upgrade a VMware vCenter instance to version 8. It is currently integrated with the following solutions:

- \* VMware Aria Automation
- \* VMware Cloud Director

Which tool can the administrator use to run Interoperability reports before the upgrade process?

- A. sphere Update Manager
- B. VMware Aria Suite Lifecycle
- C. vCenter Server Update Planner
- D. vSphere Lifecycle Manager

**Answer:** C

**Explanation:**

The tool that can be used to run interoperability reports before upgrading a vCenter Server instance is vCenter Server Update Planner, which allows checking compatibility with other VMware products.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.upgrade.doc/GUID-C3FFBF62-D6BF>

**NEW QUESTION 25**

Which feature would allow for the non-disruptive migration of a virtual machine between two clusters in a single VMware vCenter instance?

- A. vSphere vMotion
- B. Cross vCenter Migration
- C. vSphere Storage vMotion
- D. vSphere Fault Tolerance

**Answer:** A

**Explanation:**

vSphere vMotion allows for the non-disruptive migration of a virtual machine between two clusters in a single vCenter instance, as long as there is shared storage and network connectivity between the clusters.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vcenterhost.doc/GUID-3B41119A-127>

vMotion is used to move the VM to a different cluster within the same vCenter. This only works if both clusters share the same storage. If they don't you also need to perform a Storage vMotion. Cross vCenter Migration is only used to migrate to a different vCenter.

**NEW QUESTION 28**

An administrator plans to bring VMware vCenter offline in order to perform hardware maintenance on the host where the vCenter Server Appliance is running. Which vSphere feature must be configured to ensure that vCenter users experience minimal downtime?

- A. vSphere Distributed Resource Scheduler
- B. Hybrid Linked Mode
- C. vCenter Server High Availability
- D. Enhanced Linked Mode

**Answer:** C

**Explanation:**

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.avail.doc/GUID-4A626993-A829-495>

**NEW QUESTION 32**

To keep virtual machines (VMs) up and running at all times in a vSphere cluster, an administrator would like VMs to be migrated automatically when the host hardware health status becomes degraded.

Which cluster feature can be used to meet this requirement?



- A. Predictive DRS
- B. Proactive HA
- C. vSphere HA Orchestrated Restart
- D. vSphere Fault Tolerance

**Answer:** B

**Explanation:**

Proactive HA is a cluster feature that can be used to migrate VMs automatically when the host hardware health status becomes degraded, before a failure occurs.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.avail.doc/GUID-C3FFBF62-D6BF-4A>

**NEW QUESTION 35**

An administrator enables Secure Boot on an ESXi host. On booting the ESXi host, the following error message appears:

Fatal error: 39 (Secure Boot Failed)

- A. The kernel has been tampered with.
- B. The Trusted Platform Module chip has failed.
- C. The administrator attempted to boot with a bootloader that is unsigned or has been tampered with.
- D. A package (VIB or driver) has been tampered with.

**Answer:** A

**Explanation:**

The fatal error “Secure Boot Failed” may indicate that either the kernel or a package (VIB or driver) has been tampered with, which violates the Secure Boot integrity check.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-F8F105EC-A6EA>

**NEW QUESTION 36**

An administrator remotely deploys VMware ESXi using an out of band management connection and now needs to complete the configuration of the management network so that the host is accessible through the vSphere Host Client.

The following information has been provided to complete the configuration:

- Host FQDN esxi01corp.local
- Management VLAN ID: 10 DHCP: No
- Management IP Address: 172.16.10.101/24
- Management IP Gateway: 172.16.10.1
- . Corporate DNS Servers: 172.16.10.5, 172.16.10..6
- DNS Domain: corp.local

In addition, all host configurations must also meet the following requirements:

- The management network must use only IPv4 network protocols.
- The management network must be fault tolerant

Which four high level tasks should the administrator complete in the Direct Console User Interface (DCUI) in order to meet the requirements and successfully log into the vSphere Host Client? (Choose four.)

- A. Set the value of the VMware ESXi Management Network VLAN ID to 10
- B. Configure at least two network adapters for the VMware ESXi Management Network
- C. Update the VMware ESXi Management Network IPv4 configuration to use a static IPv4 address
- D. Create a DNS A Record for the VMware ESXi host on the corporate DNS servers
- E. Disable IPv6 for the VMware ESXi Management Network
- F. Restore the original Management vSphere Standard Switch.
- G. Update the VMware ESXi Management Network DNS configuration to use the corporate DNS serversfor ' names resolution

**Answer:** ABCD

**NEW QUESTION 39**

An administrator needs to consolidate a number of physical servers by migrating the workloads to a software-defined data center solution.

Which VMware solution should the administrator recommend?

- A. VMware Horizon
- B. VMware vSAN
- C. VMware vSphere
- D. VMware

**Answer:** C

**Explanation:**

Option C is correct because VMware vSphere is the solution that provides a software-defined data center platform that can consolidate physical servers by migrating the workloads to virtual machines. Option A is incorrect because VMware Horizon is a solution for virtual desktop infrastructure (VDI) and application delivery. Option B is incorrect because VMware vSAN is a solution for software-defined storage that is integrated with vSphere. Option D is incorrect because VMware NSX is a solution for software-defined networking that is integrated with vSphere. References: <https://www.vmware.com/products/vsphere.html>

**NEW QUESTION 41**

An administrator wants to allow a DevOps engineer the ability to delete Tanzu Kubernetes Grid (TKG) cluster objects in a vSphere Namespace.

Which role would provide the minimum required permissions to perform this operation?

- A. Administrator
- B. Can View
- C. Owner

D. Can Edit

**Answer:** D

**Explanation:**

The Can Edit role would provide the minimum required permissions to delete Tanzu Kubernetes Grid (TKG) cluster objects in a vSphere Namespace, as it allows creating, updating, and deleting objects within a namespace.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/vmware-vsphere-with-tanzu/GUID-C2E9B5C1-D6F1-4E9B>

**NEW QUESTION 43**

An administrator is tasked with deploying a new on-premises software-defined data center (SDDC) that will contain a total of eight VMware vCenter instances. The following requirements must be met:

- All vCenter instances should be visible in a single vSphere Client session.
- All vCenter inventory should be searchable from a single vSphere Client session.
- Any administrator must be able to complete operations on any vCenter instance using a single set of credentials.

What should the administrator configure to meet these requirements?

- A. Two Enhanced Linked Mode groups consisting of four vCenter instances each in a Single Sign-On domain.
- B. A single Hybrid Linked Mode group consisting of four vCenter instances each in a Single Sign-On domain.
- C. A single Enhanced Linked Mode group consisting of eight vCenter instances in one Single Sign-On domain.
- D. A single Hybrid Linked Mode group consisting of eight vCenter instances in one Single Sign-On domain.

**Answer:** B

**Explanation:**

To meet the requirements of viewing and searching all vCenter instances and inventory with a single vSphere Client session and a single set of credentials, the administrator needs to configure a single Enhanced Linked Mode group consisting of eight vCenter instances in one Single Sign-On domain.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vcenterhost.doc/GUID-39A8C7F4-8D8>

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-vcenter-installation/GUID-4394EA1C-0800-4A6A->

**NEW QUESTION 47**

What is the role of vSphere Distributed Services Engine?

- A. Provide a live shadow Instance of a virtual machine (VM) that mirror, the primary VM to prevent data loss and downtime during outages
- B. Implement Quality of Service (QoS) on network traffic within a vSphere Distributed Switch
- C. Provide hardware accelerated data processing to boost infrastructure performance
- D. Redistribute virtual machines across vSphere cluster host affinity rules following host failures or during maintenance operations

**Answer:** C

**Explanation:**

The role of vSphere Distributed Services Engine is to provide hardware accelerated data processing to boost infrastructure performance by offloading network services from the CPU to the DPU.

References: <https://core.vmware.com/resource/whats-new-vsphere-8>

**NEW QUESTION 49**

An administrator manually configures a reference ESXi host that meets company security standards for vSphere environments. The administrator now needs to apply all of the security standards to every identically configured host across multiple vSphere clusters within a single VMware vCenter instance.

Which four steps would the administrator complete to meet this requirement? (Choose four.)

- A. Extract the host profile from the reference host
- B. Export the host profile from vCenter.
- C. Import host customization on the reference host.
- D. Attach the host profile to each cluster that requires the secure configuration.
- E. Check the compliance of each host against the host profile.
- F. Reset host customization on the reference host.
- G. Remediate all non-compliant hosts.

**Answer:** ADEG

**Explanation:**

To apply the security standards from a reference host to other hosts across multiple clusters, the administrator needs to extract a host profile from the reference host, which captures its configuration settings; attach the host profile to each cluster that requires the same configuration; check the compliance of each host against the host profile, which compares their settings; and remediate all non-compliant hosts, which applies the configuration settings from the host profile.

References:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-F8F105EC-A6EA>

**NEW QUESTION 50**

An administrator is investigating user logon failures for a VMware vCenter instance

Where can the administrator find log files containing information related to user login activities?

- A. On the vCenter Management Interface
- B. On the ESXi host using the Direct Console User Interface (@)
- C. On the vCenter Server Appliance
- D. In the vSphere Client when viewing the vCenter virtual machine

**Answer:** C

**Explanation:**

The administrator can find log files containing information related to user login activities on the vCenter Server Appliance, which is a preconfigured Linux-based virtual machine that runs all vCenter Server services. The log files are located in /var/log/vmware/vmware-vpx/vpxd.log and /var/log/vmware/sso/ssoAdminServer.log directories. References: <https://docs.vmware.com/en/VMware-vSphere/8.0/com.vmware.vsphere.troubleshooting.doc/GUID-5F9A7E49>

**NEW QUESTION 52**

A vSphere cluster has the following configuration:

- Virtual machines (VMs) are running Production and Test workloads
- vSphere Distributed Resource Scheduler (DRS) is enabled
- There are no resource pools in the cluster

Performance monitoring data shows that the Production workload VMs are not receiving their fully allocated memory when the vSphere cluster is fully utilized.

A combination of which two steps could the administrator perform to ensure that the Production VMs are always guaranteed the full allocation of memory? (Choose two.)

- A. Assign a custom memory share value to the resource pool containing the Production VMs.
- B. Assign a memory reservation value to the resource pool containing the Production VMs.
- C. Create a parent resource pool for the Production VMs.
- D. Create a sibling resource pool for each of the Production and Test VMs.
- E. Create a child resource pool for the Test VMs.

**Answer:** BD

**Explanation:**

<https://docs.vmware.com/en/VMware-vSphere/8.0/vsphere-resource-management/GUID-60077B40-66FF-4625>

**NEW QUESTION 57**

Following a merger with another company, an administrator is tasked with configuring an identity source for VMware vCenter so that all vSphere administrators can authenticate using their existing Active Directory accounts. Each company has user accounts in their own Active Directory forests.

The following additional information has been provided:

- The corporate policy states that only Windows-based machine accounts are allowed in Active Directory. Which action should the administrator take to configure vCenter Single Sign-On (SSO) to meet this requirement?

- A. Configure SSO to use Active Directory over LDAP as the identity source.
- B. Configure SSO to use OpenLDAP as the identity source.
- C. Join the vCenter Server Appliance to the LDAP domain.
- D. Configure SSO to use Active Directory (Integrated Windows Authentication) as the identity source.

**Answer:** A

**Explanation:**

Integrated Windows Authentication is now depreciated (from v7). "The Active Directory over LDAP identity source is preferred over the Active Directory (Integrated Windows Authentication) option." <https://kb.vmware.com/s/article/78506>

**NEW QUESTION 58**

An administrator is tasked with applying updates to a vSphere cluster running vSAN using vSphere Lifecycle Manager. Downtime to the ESXI hosts must be minimal while the work is completed.

The administrator has already completed the following steps and no errors have been returned:

- Downloaded all applicable software and created a new Image
- Attached the new Image to the cluster and run a compliance check against the Image for the cluster
- Ran a remediation pre-check for the cluster

Which two series of steps should the administrator perform to start the remediation of the cluster using the new image? (Choose two.)

- A. \* 1. Use the Remediate option in vSphere Lifecycle Manager to remediate all of the ESXI hosts in the cluster in parallel.\* 2. Allow vSphere Lifecycle Manager to automatically control maintenance mode on the ESXI hosts.
- B. \* 1. Place each of the ESXI hosts into maintenance mode manually.\* 2. Use the Stage option in vSphere Lifecycle Manager to stage the required software on all ESXi hosts one at a time.
- C. \* 1. Leave all ESXI hosts in the cluster operational.\* 2. Use the Stage All option in vSphere Lifecycle Manager to stage the required software onto all ESXI hosts one at a time.
- D. \* 1 Leave all ESXI hosts in the cluster operational\* 2. Use the Stage All option in vSphere Lifecycle Manager to stage the required software onto all ESXI hosts in the cluster In parallel.
- E. \* 1 Use the Remediate Option In vSphere Lifecycle Manager to remediate all of the ESXI hosts In the cluster In sequence.\* 2. Allow vSphere Lifecycle Manager to automatically control maintenance mode on the ESXI hoy

**Answer:** AD

**Explanation:**

Option A and D are correct because they allow vSphere Lifecycle Manager to automatically control maintenance mode on the ESXi hosts and remediate them in parallel or in sequence. Option B and C are incorrect because they require manual intervention to place the hosts into maintenance mode or to stage the software on each host, which is not efficient or minimal downtime. References: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere-lifecycle-manager.doc/GUID-9F9E3F8>

**NEW QUESTION 61**

An administrator is tasked with providing users access to objects within an existing VMware vCenter instance. The vCenter inventory has a single data center with one management vSphere cluster and five workload vSphere clusters.

The following requirements must be met for assigning the users access:

- Users must only be able to view all of the inventory objects associated with the management vSphere cluster.
- Users must be able to edit all of the inventory objects associated with the workload vSphere clusters. The administrator creates a custom role to provide the permissions needed to allow users to edit inventory



- objects.
- Which series of steps should the administrator complete to assign the custom role and provide the required level of access to users?
- A. Apply Global permissions to assign the Read Only role to the root vCenter object. Apply vCenter permissions to assign the custom role to the workload vSphere clusters and enable propagation.
  - B. Apply Global permissions to assign the Read Only role to the root vCenter object and enable propagation
  - C. Apply vCenter permissions to assign the custom role to the workload vSphere clusters and enable propagation.
  - D. Apply Global permissions to assign the Read Only role to the root vCenter object
  - E. Apply vCenter permissions to assign the custom role to the workload vSphere clusters.
  - F. Apply Global permissions to assign the Read Only role to the root vCenter object and enable propagation
  - G. Apply vCenter permissions to assign the custom role to the workload vSphere clusters.

**Answer: D**

**Explanation:**

Option D is correct because it allows the administrator to apply Global permissions to assign the Read Only role to the root vCenter object and enable propagation, which will apply to all of the inventory objects in vCenter, and then apply vCenter permissions to assign the custom role to the workload vSphere clusters, which will override the Global permissions and allow users to edit all of the inventory objects associated with the workload vSphere clusters. Option A is incorrect because it will not enable propagation for the Global permissions, which will limit the Read Only role to the root vCenter object only. Option B is incorrect because it will enable propagation for both the Global and vCenter permissions, which will create a conflict between the Read Only and custom roles. Option C is incorrect because it will not enable propagation for either the Global or vCenter permissions, which will limit the Read Only role to the root vCenter object only and the custom role to the workload vSphere clusters only. References: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-A2A4371A-B888>

**NEW QUESTION 64**

An administrator has Windows virtual machines (VMs) and VMware Tools is installed in each VM. The administrator performs a status check of VMware Tools using vSphere Lifecycle Manager.

What is the VMware Tools status for the Windows VMs if the version of VMware Tools has a known problem and must be immediately upgraded?

- A. Version Unsupported
- B. Guest Managed
- C. Unknown
- D. Upgrade Available

**Answer: A**

**Explanation:**

If VMware Tools has a known problem, the tools status will be Version Unsupported <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere-lifecycle-manager.doc/GUID-12649CB>

**NEW QUESTION 65**

An administrator is looking to deploy a new VMware vCenter Instance. The current environment consists of 75 hosts and is expected to grow up to 100 hosts over the next three years.

Which deployment size should the administrator select?

- A. Medium
- B. Tiny
- C. Large
- D. Small

**Answer: D**

**Explanation:**

VMware: Small environment (up to 100 hosts or 1,000 virtual machines) Medium environment (up to 400 hosts or 4,000 virtual machine) <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-88571D8A-46E1-464> The administrator should select the small deployment size for the new vCenter Server instance, which is suitable for an environment with up to 100 hosts or 1,000 virtual machines. The small deployment size has 4 vCPUs and 19 GB of memory, which can handle the current and expected growth of the environment. The other deployment sizes are either too large or too small for the environment. References: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vcenter.install.doc/GUID-88571D8A-46E1-464>

**NEW QUESTION 69**

An administrator needs to update a VMware vCenter instance to a newer minor release version. Due to restrictions within the environment, the vCenter instance does not have access to the Internet. As a first step, the administrator downloads the required update on another machine.

What are the next steps the administrator must perform to complete the update? A Place the update ISO file in a Virtual Machine File System (VMFS) datastore. ' Use the vSphere Client to select the update ISO file as the source for the update.

- A. Place the update ISO file in a Virtual Machine File System (VMFS) datastore. Use the vSphere Client to select the update ISO file as the source for the update
- B. Mount the ISO update file to the CD-ROM drive of the vCenter instance. Use the vCenter Management Interface to select the CD-ROM as the source for the update
- C. Place the ISO update file in a folder accessible to the vCenter instance over HTTPS. Use the vCenter Management Interface to select the update file as the source for the update
- D. Place the ZIP update file in a folder accessible to the vCenter instance over HTTPS. Use the vSphere Client to select the update file as the source for the update.

**Answer: B**

**Explanation:**

<https://4sysops.com/archives/three-ways-to-update-vmware-vcenter-server-appliance-vcsa/>

**NEW QUESTION 74**  
.....

## Thank You for Trying Our Product

### We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

### 2V0-21.23 Practice Exam Features:

- \* 2V0-21.23 Questions and Answers Updated Frequently
- \* 2V0-21.23 Practice Questions Verified by Expert Senior Certified Staff
- \* 2V0-21.23 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- \* 2V0-21.23 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

**100% Actual & Verified — Instant Download, Please Click**  
**[Order The 2V0-21.23 Practice Test Here](#)**